SAND MOUND
SEWAGE DISPOSAL SYSTEM
INSPECTION CHECKLIST

I. Site Preparation

Date: _____

A. Mound perimeter and absorption bed properly staked out _____

B. No compaction by heavy equipment:

1. Within mound perimeter _____
2. Downslope from mound _____
3. Within sewage disposal area _____

C. Vegetation cut and removed _____

D. Trees, if present, cut off at ground level stumps left in place _____

E. Soil plowed to suitable depth and perpendicular to slope _____

F. Soil moisture level low enough to permit construction _____

G. Soil not frozen _____

H. Location of septic tank(s) and pumping station properly staked out _____

II. Construction

A. Septic Tank(s) Date: _____

1. Number of tanks _____
2. Tank type and construction meet specification (i.e., top-seam, baffled, etc.) _____
3. Capacity requirements met _____
4. Proper installation _____
5. Inlet and outlet pipes at proper elevations and sealed at tank walls _____
6. Baffles and/or tees properly installed _____
7. Tank watertightness checked
   a. Weep hole sealed if present _____
   b. 24-hour leakage test conducted if necessary _____

B. Pump Chamber Date: _____

1. Design specifications met _____
2. Six-inch block present under pump _____
3. Control panel meets specifications _____
4. Event counter/elapsed time meter/ flow meter installed, if required _____
5. Proper float elevations (on/off /alarm) _____
6. Quick disconnect/siphon hole present (if required) _____
7. Proper elevation of influent pipe _____
8. Pipes through tank walls sealed _____
9. Valves meet specifications _____
10. Tank joints above seasonal high water level _____
11. Access provided and terminates six inches above grade _____
12. One-day design flow storage capacity above high level alarm _____

13. Force main diameter as specified _____

14. High water alarm on separate circuit _____

C. Sand Fill and Absorption Area Date: _____

1. Sand meets specifications _____

2. Sand fill brought to proper elevation _____

3. Sand fill covers basal area _____

4. Absorption bed or trenches of proper dimensions _____

5. Absorption bed or trenches level _____

6. Six-inches of suitable gravel between sand fill and distribution pipe _____

D. Distribution System Date: _____

1. Proper fittings used at joints _____

2. Fittings adequately bonded _____

3. Proper diameter of manifold _____

4. Proper diameter of lateral piping _____

5. Proper diameter of lateral perforations _____

6. Proper spacing of lateral perforations _____

7. Perforations oriented downward _____

8. End perforation suitable (sleeved/in end cap/ on turnup radius) _____

9. Two-inch gravel to cover laterals _____

10. Check of distribution system under pressure _____

E. Final Placement of Fill and Topsoil Date: _____

1. Geotextile fabric in place above gravel layer _____

2. Tapered cap present:

   A. Twelve-inch depth at center _____

   B. Six-inch depth at edges _____

3. Six-inch topsoil cover:

A. Present and graded _____

B. Seeded/Sod _____

C. Mulched _____

4. Sides of mound no steeper than 3:1 slope _____

F. Monitoring Appurtenances Date: _____

1. Observation ports:

A. Proper location and number _____

B. Installed to proper depth _____

2. Lateral turn-ups in place (if required) _____

G. Site Drainage (if required) Date: _____

1. Surface water diversion _____

2. Curtain drain _____

3. Vertical drain _____

III. Pumping System Test Date: _____

A. Pump-on switch is operational _____

B. Pump-off switch is operational _____

C. High level alarm switch is operational _____

D. Volume of drawdown corresponds with specified dose _____

E. System achieves specified pressure _____

IV. Comments: